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## <u>Claims</u>

1. A roller cutter intended to be used at a drill head for rotary boring of the front of earth and rock formations comprising a body having a mounting surface and at least one saddle for a roller cutter (14), which saddle is supported by the body on the mounting surface, said roller cutter (14) being provided with a hub (24) provided with rows of crushing members, rotatable in relation to a shaft (33), having a centre line (CL) and arranged with shaft spigots (34,35), the roller cutter (14) being provided with covers (29) arranged at axial ends of the hub (24) in order to protect sealing members (30) and in order to prevent dirt from reaching the interior of the roller cutter, c h a r a c t e r i z e d in that the cover (29) comprises a radially directed projection (60), which is arranged to be received in an indentation (50) in the envelope surface of the shaft (33) in order to lock the cover axially in relation to the shaft.

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2. The roller cutter according to claim 1, c h a r a c t e r i z e d in that the projection comprises a solid pin (60), which is connected to a recess (31) in the cover (29) so that the pin protrudes radially inside a radially inner bordering surface (62) of the cover.

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3. The roller cutter according to claim 1 or 2, c h a r a c t e r i z e d in that the indentation comprises a groove (50), which is substantially V-shaped and comprises a surface (52) angled in the axial direction, the angled surface (52) sloping downwards and inwards towards an opposite shaft spigot (34,35).

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4. The roller cutter according to claim 1, 2 or 3, c h a r a c t e r i z e d in that the indentation (50) has substantially the same width in the lateral direction of the shaft (33) as the width of the recess (31) or somewhat greater.

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5. The roller cutter according to anyone of the preceding claims, c h a r a c t e r i z e d in that the roller cutter is arranged with two shaft spigots

(34,35), each one of which has a rounded second support surface (36), the second support surface (36) directly or indirectly connecting to a shoulder (40) arranged to counteract rotation of the shaft (33).

- 6. The roller cutter according to anyone of the preceding claims, c h a r a c t e r i z e d in that the projection (60) supports by means of linear abutment against the angled surface (52) of the shaft and against an axially inner wall (32) of the cover (29).
- 7. The roller cutter according to anyone of the preceding claims, c h a r a c t e r i z e d in that the projection (60) of the cover (29) is arranged to be received in the indentation (50) in the envelope surface of the shaft (33) in order to lock the cover also tangentially in relation to the shaft.